

DETAILED ACTION

Response to Amendment

The Amendment, filed on September 29, 2008 has been entered and acknowledged by the Examiner.

Cancellation of claims 2,5 and 9 has been entered.

Claims 1, 3-4, 6-8 and 10-15 are pending in the instant application.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Dicran Halajian on October 15, 2008.

The application has been amended as follows:

In the claims:

Claim 1 has been replaced in its entirety with the following text:

----1. A ceramic gas tight high-pressure burner comprising: an ionizable filling, a discharge vessel having a discharge cavity with a volume from 3 mm^3 to 30 mm^3 , whereby the internal filling pressure of the discharge cavity is $\geq 0.1 \text{ MPa}$, at room temperature, at least one end closure device at at least one end of the discharge vessel, the at least one end closure device having a feed-through opening and forming a crevice, and at least one feed-through passing through the feed-through opening,

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wherein the crevice is between the at least one feed-through and the discharge vessel, and wherein the crevice is tubular-shaped and has a volume of $> 0 \text{ mm}^3$ and $\leq 1.7 \text{ mm}^3$, and wherein the crevice has an open end facing the discharge vessel.----

Claim 10 has been replaced in its entirety with the following text:

----10. A method of manufacturing a ceramic gas tight high-pressure burner (1) comprising:

- a) at least one end closure device,
- b) at least two feed-through members, and
- c) at least one discharge vessel with at least one end opening, whereby the manufacturing method comprises the acts of:
 - i) filling said discharge vessel with an ionizable filling through at least one opening, and
 - ii) closing said at least one end opening by arranging a feed- through in said opening followed by gas tight connecting said feed- through to the end closure device and/or to the discharge vessel, wherein a crevice is formed between the feed-through and the at least one discharge vessel, wherein the crevice is tubular-shaped and has a volume of $> 0 \text{ mm}^3$ and $\leq 1.7 \text{ mm}^3$, and wherein the crevice has an open end facing the discharge vessel.----

Claim 12 has been replaced in its entirety with the following text:

----12. A high-pressure burner comprising: a discharge vessel including an ionizable filling; an end closure device located at an end of the discharge vessel, the end closure device having a feed-through opening; and a feed-through passing through

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the feed-through opening, wherein a crevice is formed between the feed-through and the discharge vessel, wherein the crevice is tubular-shaped and has a volume of $> 0 \text{ mm}^3$ and $\leq 1.7 \text{ mm}^3$, and wherein the crevice has an open end facing the discharge vessel.----

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance.

Regarding Claim 1, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in Claim 1, and specifically comprising the limitation of "the ceramic gas tight high- pressure burner wherein the crevice is tubular-shaped and has a volume of $> 0 \text{ mm}^3$ and $\leq 1.7 \text{ mm}^3$ ".

Regarding Claims 3-4, 6-8, and 13, they are allowable for the reasons given in Claim 1 because of their dependency status on Claim 1.

Regarding Claim 10, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in Claim 10, and specifically comprising the limitation of "A method of manufacturing a ceramic gas tight high-pressure burner wherein the crevice is tubular-shaped and has a volume of $> 0 \text{ mm}^3$ and $\leq 1.7 \text{ mm}^3$ ".

Regarding Claim 11, it is allowable for the reasons given in Claim 10 because of their dependency status on Claim 10.

Regarding Claim 12, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in Claim 12 and specifically

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comprising the limitation of "A high- pressure burner wherein the crevice is tubular-shaped and has a volume of $> 0 \text{ mm}^3$ and $\leq 1.7 \text{ mm}^3$ ".

Regarding Claims 14-15, they are allowable for the reasons given in Claim 12 because of their dependency status on Claim 12.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DONALD L. RALEIGH whose telephone number is (571)270-3407. The examiner can normally be reached on Monday-Friday 7:30AM to 5:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel can be reached on 571-272-2457. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/Donald L Raleigh/
Examiner, Art Unit 2879

/Sikha Roy/
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